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Part Number: [0430450809](#)
Status: **Active**
Overview: [microfit_30](#)
Description: 3.00mm (.118") Pitch Micro-Fit 3.0™ Header, Surface Mount, Dual Row, Right Angle, with Solder Tab, 8 Circuits, Tin (Sn) Plating, Glow Wire Compatible

Documents:

[3D Model](#) [Product Specification PS-43045 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
TUV R72081037
UL E29179

General

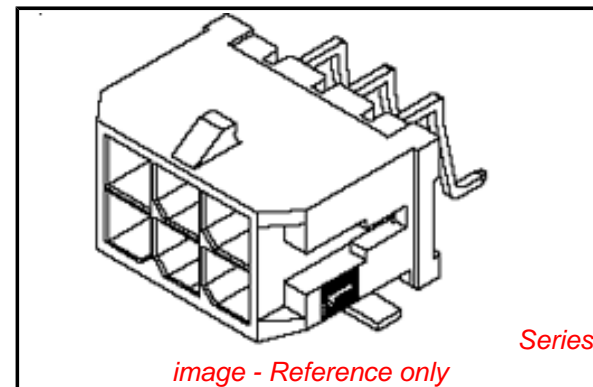
Product Family PCB Headers
Series [43045](#)
Application Power, Wire-to-Board
Comments Glow Wire Equivalent Part Number [430450809](#). High Temperature, Square Pin, Solder Type
Overview [microfit_30](#)
Product Literature Order No USA-106
Product Name Micro-Fit 3.0™

Physical

Breakaway No
Circuits (Loaded) 8
Circuits (maximum) 8
Color - Resin Black
Durability (mating cycles max) 30
Flammability 94V-0
Glow-Wire Compliant Yes
Mated Height 10.29mm (.405")
Material - Metal Brass
Material - Plating Mating Tin
Material - Plating Termination Tin
Material - Resin High Temperature Thermoplastic
Number of Rows 2
Orientation Right Angle
PCB Locator Yes
PCB Retention Yes
PCB Thickness - Recommended 1.60mm (.063")
Packaging Type Embossed Tape on Reel
Pitch - Mating Interface 3.00mm (.118")
Plating min - Mating 2.540µm (100µ")
Plating min - Termination 2.540µm (100µ")
Polarized to PCB Yes
Shrouded Fully
Stackable No
Surface Mount Compatible (SMC) N/A
Temperature Range - Operating -40°C to +105°C
Termination Interface: Style Surface Mount

Electrical

Current - Maximum per Contact 5A



EU RoHS

ELV and RoHS Compliant
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[43045Series](#)

Mates With

[43025](#)

Voltage - Maximum 250V

Solder Process Data

Duration at Max. Process Temperature (seconds) 30
Lead-free Process Capability Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature 3
Process Temperature max. C 260

Material Info

Country of Origin HK, MX, US

Reference - Drawing Numbers

Packaging Specification PK-70873-05**
Product Specification PS-43045, RPS-43045-003, RPS-43045-004
Sales Drawing SD-43045-004
Test Summary TS-43045-001

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